

Granzyme H from Human, Recombinant (carrier-free)

Cat. No. NATE-1935

Lot. No. (See product label)

Introduction

Description

Granzyme H is a member of the granzyme family of serine proteases found specifically in the cytotoxic granules of cytotoxic T lymphocytes (CTL) and natural killer (NK) cells. Granzyme H's functions are largely unknown. The more abundant expression of Granzyme H than Granzyme B in NK cells suggests that Granzyme H may complement the pro-apoptotic function of Granzyme B in this cell type.

Synonyms

Granzyme H; GZMH; Granzyme

Product Information

Species

Human

Source

Mouse myeloma cell line

Form

Supplied as a 0.2 µm filtered solution in HEPES, NaCl and Brij-35.

EC Number

EC 3.4.21.-

Molecular Weight

Multiple bands between 38-40 kDa, reducing conditions by SDS-PAGE

Purity

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

Activity

>5,000 pmol/min/µg

Endotoxin Level

<1.0 EU per 1 µg of the protein by the LAL method.

Storage and Shipping Information

Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 6 months from date of receipt, -70 °C as supplied. 3 months, -70 °C under sterile conditions after opening.